

AMENDMENT No. 1 TO PROCUREMENT DOCUMENTS

Issued on 4th of April 2022

PROCUREMENT OF EQUIPMENT FOR GENERAL HOSPITAL IN ARANDJELOVAC IOP/60-2021/UHI

In accordance with the Clause 8. Part 1. Bidding Procedures, Section I. Instructions to Bidders, Contents of Bidding Documents, Amendment of Bidding Documents of the Procurement Documents, Public Investment Management Office, No. 11 Nemanjina street, Republic of Serbia, as the Purchaser, hereby notifies all persons concerned for “**Procurement of equipment for General Hospital in Arandjelovac**” IOP/60-2021/UHI, that there has been an amendment made in the Procurement Documents.

The following provisions of Tender Documents are hereby replaced as follows:

1. **Tender Documents are changed in Technical Specification, Lot 4 – Radiology equipment, as follows:**

TECHNICAL SPECIFICATION FOR LOT 4 - RADIOLOGY EQUIPMENT		
ID	Defined Technical specification in the Tender Documentation	After Amendment no. 1, published as of 04 April 2022 it reads as follows
Line Item No. 1 CT scanner:		
2	Max Generator power (nominal hardware): at least 72 kW	Max Generator hardware power: at least 72 kW
3	mA range: at least 20-600 mA or more, with 5mA increments	mA range: at least 20-460 mA or more (real, not equivalent values), with 5mA increments
8	X-ray tube cooling rate: min 1 MHU/min	X-ray tube anode cooling rate: min 1 MHU/min
28	CT body/brain 4D perfusion software package	CT brain 4D perfusion software package
33	Advanced Cardiology study package	Cardiology study package (at least ECG gated calcium scoring, ECG waves display on console and gantry)
36	Injector class IV synchronization interface	ID 36 is deleted
41	ECG Monitor synchronized with CT system for cardiac prospective gating	ECG Monitor synchronized with CT system for cardiac gating
52	Advanced non-invasive CT angiography (CTA) analysis tools with automatic bone removal, at least two licenses	Advanced non-invasive CT angiography (CTA) analysis tools with automatic bone removal, at least one license
53	Software for assessment and automatic visualization and monitoring of pulmonary nodules and diagnosis -CT LNA (lung nodule analysis), at least two licenses	Software for assessment and automatic visualization and monitoring of pulmonary nodules and diagnosis -CT LNA (lung nodule analysis), at least one license

54	Advanced tools for analysis of lung disease (e.g. chronic obstructive pulmonary disease), at least two licenses	Advanced tools for analysis of lung disease (e.g. chronic obstructive pulmonary disease), at least one license
55	CT body/brain 4D perfusion software package, at least one license	CT brain 4D perfusion software package, at least one license
57	Advanced Cardiology study package (calcium score, CT analysis of coronary blood vessels, functional cardiac analysis), at least one license.	Cardiology study package (Scoring calcifications of coronary blood vessels, cardiac calcium plaque burden quantification and coronary artery disease risk assessment), at least one license
60	Triple head CT injector, with 2 heads for contrast media and 1 head for saline solution. Possibility of synchronization with CT scanner and possession of air monitoring with sensors.	Dual head CT injector, with 1 head for contrast media and 1 head for saline solution. Possession of air monitoring with sensors or LED lights for easy visual detection of air bubble presence.

Line Item No. 2 Digital mammography system.

30	SSD 1 TB	HDD min. 1 TB
43	Memory min 32 GB RAM	Memory min 16 GB RAM
44	SSD 2 TB	SSD min. 512GB and additional HDD min. 1 TB

Line Item No. 4 PACS - PICTURE ARCHIVING AND COMMUNICATION SYSTEM

2	DIAGNOSTIC CLIENT FOR IMAGE REVIEW (MIN. 1 CONCURRENT USER)	DIAGNOSTIC CLIENT FOR IMAGE REVIEW (MIN. 2 CONCURRENT USERS)
80	ADVANCED DIAGNOSTIC CLIENT - ADDITIONAL FUNCTIONALITIES IN RELATION TO THE DIAGNOSTIC CLIENT (MIN. 2 CONCURRENT USERS)	ID 80 is deleted
81	Volume display (VTR) available	ID 81 is deleted
82	Archiving of VRT as a new 360°-view series in the PACS	ID 82 is deleted
83	Integration of Volume rendering within the Hanging protocol function	ID 83 is deleted
84	Integration of vessels analysis functions into Hanging Protocol	ID 84 is deleted
85	Cutting function (scalpel) within VRT available	ID 85 is deleted
86	Displaying of synchronized 3D reconstructions (VRTs) on min. two sets of data is possible	ID 86 is deleted
87	Curved MPR is available	ID 87 is deleted
88	Manual registration of images of multiple studies of different recording modalities to allow comparison of reports for the same body part	ID 88 is deleted
89	Image fusion (eg. PET/CT)	ID 89 is deleted

254	Computer for diagnostic workstation -2 pcs, with the following performance: CPU: I3 9 / 10gen 4cores or equivalent, MB: 1GB Lan, RAM: 16GB DDR4, HDD: SSD 120GB, DVD: DVDRW, VGA: Discrete 2-4GB GDDR5, connection with 3 monitors: 1 VGA HD resolution and 2 diagnostic 5MP monitors with DVI-D and port input display, Mouse, keyboard, CASE: MIDI 500W, MON: 1x21", OS: WIN 10 64bit	Computer for diagnostic workstation -2 pcs, with the following performance: CPU: I3 9 / 10gen 4cores or equivalent, MB: 1GB Lan, RAM: 16GB DDR4, HDD: SSD 120GB, DVD: DVDRW, VGA: Discrete 2-4GB GDDR5, possibility of connection with 3 monitors: 1 VGA HD resolution and 2 diagnostic 2MP monitors with DVI-D and port input display, Mouse, keyboard, CASE: MIDI 500W, MON: 1x21", OS: WIN 10 64bit
265	2MP DIAGNOSTIC MEDICAL MONITOR- 6 PCS	2MP DIAGNOSTIC MEDICAL MONITOR- 4 PCS
Line Item No. 5 Digital X-ray machine (ceiling, 2 flat panels)		
34	Max height of the detector center from floor is 30 cm	Minimum height of the detector centre from floor is max. 30 cm

2. Tender Documents are changed in Section IV. Schedule of Requirements, 1. Related Services and Completion Schedule, bullet 1:

- “Delivery period will commence on the date of the advance payment. If the bidder does not require an advance payment implementation period will commence at the entry into force of the Contract Agreement (signing of the contract and submission of the Performance Guarantee) - **90 (ninety) days**. For clarification purposes: Delivery period includes both receipt of the Goods and implementation of the following related services: installation, burn testing, training and commissioning. Delivery date is the date on which both the Goods are delivered and the following related services are implemented: installation, burn testing, training and commissioning.”

It is replaced and reads as follows:

- “Delivery period will commence on the date of the advance payment. If the bidder does not require an advance payment implementation period will commence at the entry into force of the Contract Agreement (signing of the contract and submission of the Performance Guarantee) - **180 (one hundred eighty) days**. For clarification purposes: Delivery period includes both receipt of the Goods and implementation of the following related services: installation, burn testing, training and commissioning. Delivery date is the date on which both the Goods are delivered and the following related services are implemented: installation, burn testing, training and commissioning.”

In all other aspects, Tender documents for the “**Procurement of equipment for General Hospital in Arandjelovac**” IOP/60-2021/UHI, remains unchanged.

This Amendment to Procurement Documents is a constituent part of the “**Procurement of equipment for General Hospital in Arandjelovac**” IOP/60-2021/UHI, and will be posted on the Purchaser’s web site: <http://www.obnova.gov.rs/english/public-procurement>

In order to submit a responsive bid, bidders are expected to prepare their offers in accordance with this amendment.

Public Procurement Committee